Lead Zinc and Spar in Grittenden and Livingston Counties, Spar in the Industrial World.

Although the territory embraced day to cover all expense. the investor or prospector a more Wheeling, W. V., The Western the slag, to help carry off phospcounterpart in-America.

deposits of Joplin and Granby in thirty days will begin crushing most impossible without fluor southwest Missouri; but in the and separating ore, of which it al- spar, Joplin district the ore is found in ready had several thousand tons stratified or horizontal beds, like mined. A few days ago some coal seams, while here it is found Louisville parties acquired the in large vertical-fissure veins, Columbia lands, five miles from which run parallel with, and cross Marion, consisting of 1000 acres, each other, and intricately ramify and now have a large force of men the whole district. These veins working day and night opening up surface croppings, affording "pay recognized as the best in the ter- ies. dirt" at the top, and in all shafts ritory.

differs in the nature of its veins drew its entire apply of fluor spar in working quantities of three and lodes from all other fields in from Germany and England, for it essentials to iron and steel making, America, yet it closely resembles is found commercially in the Uni- viz: Coking coal, iron ore, and the great lead and zinc belts of ted States only in this locality. flux or fluor spar. The coal is in England, especially the mines of Today all the fluor spar consum- the famous Bell or Tradewater, Cardigan, and in the Montgomery el in America, except on the At-lying ten miles east of Marion, and shire, where the veins have linear lantic coast, is shipped from Marextent of several miles, and show ion, Ky., and Rosi Clare, Ill., on strong seams of fluor spar.

here has been known for years, and sold extensively in seaboard cities, sporadic attempts have been made where it is imported as ballast, and ing through Crittenden. Livingsto open up the field but no syste- admitted free of duty, selling for ton and Lyon counties, and around matic prospecting was ever done \$7, per ton. Since freight rates Grand Rivers. until about two years ago, when from Marion to New York amount capitalists began to mine for fluor to nearly that sum, domestic spar spar on a large scale. This deeper is denied that market. mining has demonstrated the pre- Fluor spar or fluoride of calcium versed by the Illinois Central railtion with fluor spar in unlimited fluoride compounds in nature, and land rivers, shows at a glance the district. The veins vary in width drofluoric acid, and opalescent field. There is singular, and profrom five to twenty feet, and from glass. It is also largely used by zine, and fluor spar.

cent. fluor spar. All these miner. its advantages. als having a ready market, there is, therefore, no waste or refuse product taken from the mines. At present market prices, the average it is less than \$3. In that district in the "Chemical Zeitung," to the out put is lead and zine; the re-

chase two months ago, of one hun-dred acres nine miles from Marion even when accomplishing a re-

It is a fact not generally known for \$750, and its sale two weeks obtain good results, and the unthat a lead, zinc, and fluor spar since for \$6000 cash, illustrates certainty of the supply. This latfield of wonderful possibilities is the confidence capital has in these ter cause no longer exists, as exbeing quietly, but rapidly develop- properties. Work was begun on tensive and more workable deposed in Crittenden and Livingston this land immediately after the its have lately been opened up. counties, Ky., and just across the sale, and sufficient pay ore has The use of fluor spar in metall-Ohio river in Hardin county, Ill, been taken from the shaft every urgical work may be considered un-

their properties, and securing suifield is the blue or dove colored ores. The Eagle Co., operating limestone, and is of the same geo- twelve miles from Marion, has its logical age and nature as the rich mill nearly completed, and within

opened on them the ores taken out Notable, for more than local real territory, and one that is instantly have paid the expense of sinking. sous, is the fact, that until this noted by every engineer, and in-While this Kentucky district field was opened up this country vestor coming here, is the presence

the Ohio river. Foreign spar, al-The existence of lead and zinc though inferior in quality, is still

sence of lead and zine in associa- is one of the rare occurrances of quanity, and throughout the whole is used in the manufacture of hywall to wall are filled with lead, enamblers, and in potteries. How- stock companies. Every company Average assays of the veins in iron smelting, and in that re- property, and instead of desiring show them to carry 40 per cent. spect the following extract from to sell is purchasing more, and zinc, 25 per cent. lead, and 34 per the "Age of Steel," fully explains none of it is permitted to remain

INCREASING USE OF FLUOR SPAR IN METALLURGICYL WORK.

Some time ago Dr. Foehr, a not ton of ore taken from these mines ed German chemist and metalluris \$22, while in the Joplin district gist, called attention in an article less than 10 per cent, of the mine growing tendency to return to the use of fluor spar as a flux in metallurgical operations. He stated maining 90 per cent, being tift that until the beginning of this and limestone, and being worthless century fluor spar was considered goes into the dump pile. indispensable, but was replaced to The above figures explain why a large extent by limestone, on acmining has become the chief in- count of its being apparently much dustry in this section; and a pur- cheaper. The two fluxes, however,

what similar results, that no comparison is just when based merely on the relative price per ton.

· In the United States fluor spar has probably never been used to the same extent as in England and on the continet, and for this two reasons may be assigned; the lack of information as to its value and the proper manner of using it to

der four heads: (1) In the Blast is not known to be so extensive as The Fluor Spar Co., of Marion, Furnace, especially for the prodthe Joplin, Mo., field, yet the ores Ky., Kentucky Fluor Spar Co., of ucts of ferro-silicon and ferronow being mined are much richer Pittsburg, Pa., operating near Ma- manganese; (2) In Open-Hearth than my taken from Joplin, and it rion, John R. McClain Co., Rosi Steel furnace, especially with the is doubtful if nature ever offered Clair, Ill., The Eagle Spar Co., of basic process, to make more fluid peculiar or enticing proposition Tube Co., of Kewanee, Ill., The horous, and to reduce the sulphur; than is presented in this section. Consolidated Oil and Gas Co., of (3) In the Foundry cupola, to In fact, these three counties con- Canton, O., operating near Salem, make Iron more Fluid, permit the stitute a mineral district peculiar all corporations of ample capital, use of greater quantities of the to itself, and of which there is no are hurrying developments on lower grades and of scrap and to reduce impurities; (4) In Cruci-The mineral bearing rock of this table machinery for handling the bles in Brass Foundries with the most astonishing results.

In the blast furnace, the smelting of very refractory ores is al-

Dr. Foehr, who has already been quoted, claims that One part of Fluor Spar goes further than Ten parts of limestons.

The demand for fluor spar is rapidly increasing, and the supply is inexhaustible, although limited are easily traced for miles by their mines. This property is generally in America to these three count-

Another peculiarity of this

extensively produced from numerous mines on a vein from four to five feet in thickness. Ten miles southwest of Marion is a belt of brown hematite iron ore, extend-

The location of all these raw materials is such close proximity, and in unlimited quantities, traroad, and the Ohio and Cumberwonderful possibilities of this bably fortunate lack of speculative ever it is most valuable as a flux now here seems satisfied with its dormant. Future developments for Kentucky Postmesters Readjust bid fair to make it the richest mining and industrial belt in

C. S. NUNN.

ADDRESS

The Inter-Denominational Anti-Saloon League Sends a Speaker Here.

Mr. J. M. Likens, who repre sents the inter-denominational Anti-saloon League, will lecture at the C. P. church in Marion on Thursday evening, June 21, at 8 o'clook. Miss Jennie Tharp, of Muncie, Ind., accompanies the peaker and will furnish music for the occasion; she is said to be very fine singer. The lecture is free and everybody is invited.

A sallow, jaundleed skin is a sympto of disordered liver, as is springe from oillary poisons retained in the blood which desiroy energy, cheerfulness trength, vigor, happiness and life fer BINE will restore the natural functions of the liver. Price 50 cents at J.

SCHOOL CENSUS,

Of the County by Districts, as Reported to the County Superintendent

No Pupils

Caldwell Springs White Hall Union Pleasant Grove Deer Creek Rose Dale Barnett Glendale Chapel Hill Cispo's Chapel Forest Grove Ouk Grove Crooked Creek Heath Marion Piney Fork Post Oak Oakland Greens Chapel Bells Mines Dempsey Hoods Creek Sugar Grove Blowing Springs Hoods Lambs Olive Branch Crider Copperas Springs Stony Point Lily Dale

Lone Star Midway Parent B Siminary Hebron Shady Grove Caney Fork Applegate Fords Ferry Goen Springs Bethel Moore's Childress Grimes Freedom Red Top Crayneville Ditney

Total COLORED DISTRICTS.

Marion Dycusburg Piney Fork

MORE MONEY

ment of Salaries Completed by the · Department.

Washington, June 14 .- The anaual readjustment of postmasters' salaries has been completed by First Assistant Postmaster Generl Heath.

By the arrangement the Mayfield postoffice has been advanced from the third to the second class Increases of \$200 a year have been made in the salaries of the postmasters at Paducah, Frankfort Fulton and Ludlow.

Increases of \$100. a year have been made in the salaries of postmasters at the following places Ashland, Campbellsville, Cynthin-a, Falmouth, Glasgow, Lawrenceburg, Madisonville, Murray Maysville, Somercet, Williams burg, Augusta Carrollton, Earlington, Guthrie, Louisville, Marion Midway, Owenaboro, Paris, Spring field, Bardstown, Covington Eminence, Henderson, Mosganfiald, Owenton, Pineville and Van

Curiosities at Paris.

Maud Adam's statute in solid gold, worth \$200,000.

The cosmorama, showing, the earth, sun, moon and stars.

The mareorama, a mimic se voyage taken en dry land!

An active volcano, with daily eruptions and earthquakes.

The cloud gallery, where visitors walk above the clouds.

Giant telescope that makes the moon look only a mile off.

A sea beach with salt water pumped from the ocean 125 miles away.

A trip in a shell, in which you are fired from a real mortar gun.

A fairy place under the river Seine, with mermaids and the Loreler.

Palace in the sky, a huge houseshaped airship that rises 200 feet,

The bottom of the ocean, with a sunken ship and strange submarine life.

A Japanese temple and oriental garden, with dancing geisha girls from Tokio.

Electric ships on the river Seine that will go at the rate of fifty miles an hour.

Great "Light of Kimberly" diamond, worth \$2,000,000, Biggest in the world.

Osteopathy as a Profession.

There are many bright men and women who would like to engage in a profession that is not overcrowded and that offers some opportunity for an immediate income. The attention of all such who find The Purest themselves adapted to the life of a physician should be called to Osteteopathy, as a science which is based upon an accurate knowledge of Anatomy, and as also an art. 82 Its very large percentage of cures 45 is gained by scientific methods which are not practiced by any other school of healing.

The practitioner of Osteopathy finds himself in possession of skill that the world is demanding, and he possesses and for several years will continue to possess, a natural monopoly of this skill. The unique nature of this skill whereby he effects cures in diseases hitherto unsuccessfully treated, and at the same time copes with equal suc cess in diseases curable by other methods, together with the scarcity of men and women possessing the new power of healing, causes Osteopathy to rank first among the professions in respect to pecuniary renumeration.

In point of honor and honorableness, Osteopathy ranks co-equal with the other intellectual professions. From all above causes, Osteopathy is growing rapidly by the constant addition to the ranks of men and women from every walk of life, and especially from the ranks of college men and women. To these Osteopathy offers a wideopen door.

The next class opens the first of Sept. Send for a catalogue and study Osteopathy. Address, Southern School of Osteopathy,

> (Incorporated) Franklin, Kentucky.

Lock Jaw.

Ed. H. Hardin, China Springs; Texas, says: "One large dose of Morley's Won-derful Eight cured my mare of lockjaw. It was a wonderful cure and saved me a \$65.00 animal." Sold by agent in every town. Free trial bottles at Ozme's.

And some are not, if you want the

Pure. Refreshing. Invigorating Cold Drinks,

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R. F. HAYNES

The Druggist.

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Better than Calomel or Quinine. The Old Relia-

Excellent General Tonic ! as well as a sure cure for

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